

REMARKS

Claims 1-15, 33-46, 58-73 and 106-120 remain pending in the application.

35 USC 101 Rejection of Claims 108, 117 and 119

Claims 108, 117 and 119 were rejected under 35 USC 101 as allegedly being directed toward non-statutory subject matter because of their recitation of "means".

Claims 108, 117 and 119 are amended herein as suggested by the Examiner to remove the recited "means". The Applicants respectfully request that the rejection of claims 108, 117 and 119 under 35 USC 101 be withdrawn.

Claims 1-15, 33-46, 58-73 & 106-120 over Greer, Holland and Official Notice

In the Office Action, claims 1-7, 9, 10, 14, 33-38, 40, 41, 45, 58-65, 67, 68, 72, 106-111, 113-115 and 117-119 were rejected under 35 U.S.C. §103(a) as allegedly being obvious over U.S. Patent No. 6,247,048 to Greer et al. ("Greer") in view of U.S. Patent No. 6,507,867 to Holland et al. ("Holland"); and claims 8, 11-13, 15, 39, 42-44, 46, 66, 69-71, 73, 112, 116 and 120 were rejected under 35 U.S.C. §103(a) as allegedly being obvious over Greer in view of Holland, and further in view of "Official Notice". The Applicants respectfully traverse the rejections.

Claims 1-15 and 58-73 recite site-mining, at a **proxy server**, to extract content from a web page according to predefined criteria. Claims 33-46 recite a **proxy server** that site-mines to extract content from a web page according to predefined criteria. Claims 109-120 recite site-mining, at a **proxy server**, to extract content from a web page according to predefined criteria.

Thus, claims 1-15, 33-46, 58-73 and 106-120 all require site mining, by/at a **proxy server**, to extract content from a web page according to predefined criteria.

The Examiner acknowledges that "Greer does not specifically teach site-mining at the proxy server to extract content from said web page according to predefined criteria." (emphasis added) (see Office Action, page 3) But the

Examiner alleges that “Holland on the other hand teaches site-mining at the proxy server to extract content from said web page according to predefined criteria [col. 11, lines 35-64].” (see Office Action, pages 3 and 4) The Applicants respectfully disagree with the Examiner’s interpretation of Holland.

Holland at the cited col. 11, lines 35-64 teaches:

bundling Web server 440 to signal these components [either or both of a data miner and walk-the-Web-site] to generate a bundling descriptor dynamically. These components may also be used to augment the bundle descriptor retrieved at 404 by searching for additional pages that should be added dynamically to the predefined bundle content. The bundle descriptor that results from using these components is used to retrieve each identified page or file. The bundling Web server 440 then packages the files into a bundle, and returns 407 the bundle to the client proxy 460.

According to Holland, a bundling Web server 440 sits between a workstation 470 and a page repository 410 (see Fig. 4A). The bundling Web server 440 formulates a bundle descriptor through either or both of a data miner and walk-the-Web-site techniques. Holland’s bundling descriptor is used to retrieve each identified page or file, with each identified page or file being packaged into a bundle for return to a workstation proxy 460. Accordingly, Holland teaches use of data miner and walk-the-Web-site techniques to formulate a bundle descriptor that is used to retrieve each identified page or file. Holland’s bundling Web server 440 at best extracts content from another element, i.e., a page repository. Holland fails to disclose, teach or suggest site mining that is performed by/at a proxy server to extract content from a web page according to predefined criteria, as recited by claims 1-15, 33-46, 58-73 and 106-120.

The Examiner has taken Official Notice “that both the concept and advantages of providing for defining the mobile device by the manufacturer and model is well known and expected in the art”. (Office Action at pages 8 and 9) The Examiner later takes Official Notice that “providing for secure socket layer connection is well known and expected in the art.” (Office Action, page 8) Thus, the Examiner’s Official Notice does not make up for the deficiencies in Greer and Holland, as discussed herein.

Thus, even considering the Examiner's alleged Official Notice, neither Greer nor Holland, either alone or in combination, fail to disclose, teach or suggest site mining, by/at a **proxy server**, to extract content from a web page according to predefined criteria, as recited by claims 1-15, 33-46, 58-73 and 109-120.

Moreover, Claims 33-46 recite a **proxy server** that **reformats** at least a portion of site-mined content from a web page having a first format in accordance with at least one of a type of content viewer and a type of operating system associated with a mobile device. Claims 106-108 recite reformatting at a **proxy server** site-mined web page content in accordance with at least one of a type of content viewer and a type of operating system associated with a mobile device. Claims 109-112 and 117-120 recite **conversion at a proxy server** of site-mined content based on at least one of a type of content viewer and a type of operating system associated with a mobile device. Claims 113-116 recite a **proxy server** comprising a converter to **convert** site-mined content based on at least one of a type of content viewer and a type of operating system associated with a mobile device.

The Examiner alleges that claims 33-38, 40, 41 and 45 "are system claims of 1-7, 9-10 and 14, they are rejected for the same reasons as claims 1-7, 9-10 and 14". As discussed above, claims 33-46 contain limitations that are not simply system claims of claims 1-7, 9-10 and 14. Thus, the Examiner has failed to address ALL of the claimed features of claims 33-46.

Moreover, Greer instructs at col. 7, lines 13-19; col. 9, lines 24-26:

However, if the character sets do not match, then the character set transcoder 345 transcodes the response from the Internet server into the character set used by the mobile computing device at 480. The character set used by the mobile computing device was set during the session creation or specified in the GET request. Claim 1 reciting translating said response from said second communication protocol to said first communication protocol used by said client device

Greer teaches that a "mobile computing device informs the proxy server as to which character set should be used when communicating with that

particular mobile computing device (the client character set)." Accordingly, Greer customizes a character set based on a character set specified by the mobile computing device. Greer's character set is not associated with at least one of a type of content viewer and a type of operating system associated with a mobile device as claimed. Thus, Greer fails to disclose, teach or suggest **reformatting** and **conversion** that is based on at least one of a type of content viewer and a type of operating system associated with a mobile device, much less it being performed **at a proxy server**, as recited by claims 33-46 and 106-120.

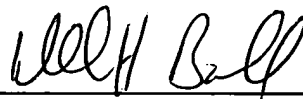
Thus, even considering the Examiner's alleged Official Notice, neither Greer nor Holland, alone or in combination, fails to disclose, teach or suggest conversion and reformatting based on at least one of a type of content viewer and a type of operating system associated with a mobile device, much less to occur at a **proxy server**, as recited by claims 33-46 and 106-120.

For these and other reasons, claims 1-15, 33-46, 58-73 and 106-120 are patentable over the prior art of record. It is therefore respectfully requested that the rejection be withdrawn.

Conclusion

All objections and rejections having been addressed, it is respectfully submitted that the subject application is in condition for allowance and a Notice to that effect is earnestly solicited.

Respectfully submitted,



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